

Title (en)

DEVICE GENERATING THREE-PHASE POSITION DETECTING SIGNAL WITH TWO COILS

Title (de)

VORRICHTUNG ZUM ERZEUGEN VON 3-PHASEN POSITIONSSIGNALLEN MIT ZWEI SPULEN

Title (fr)

DISPOSITIF A DEUX ENROULEMENTS GENERANT UN SIGNAL TRIPHASE DE DETECTION DE POSITION

Publication

EP 0801462 A4 20000927 (EN)

Application

EP 96929551 A 19960906

Priority

- JP 9602547 W 19960906
- JP 28906795 A 19951002

Abstract (en)

[origin: WO9713317A1] Projections (15a), semi-projections (16a), and recesses (18a) all having a width of an electrical angle of 120 DEG are provided to the periphery of a conductor disk (15) which rotates synchronously with a motor. A coil (10a) which only faces the projections (15a) and another coil (10b) which faces the projections (15a) and semi-projections (16a) are fixed to a fixed armature. Three-phase position detecting signals are generated in accordance with the changing mode of impedance when the coils (10a and 10b) face the periphery of the disk (15).

IPC 1-7

H02P 5/00

IPC 8 full level

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CPC (source: EP US)

H02K 29/12 (2013.01 - EP US); **H02P 6/16** (2013.01 - EP US); **H02P 25/0925** (2016.02 - EP US)

Citation (search report)

- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 473 (E - 1423) 27 August 1993 (1993-08-27)
- See references of WO 9713317A1

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